

Amendments to the Specification:

Please make the following amendments to the specification. Material to be inserted in replacement paragraphs or sections is in **bold and underline**, and material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [[]].

Please replace the paragraph beginning at page 1, line 3, with the following rewritten paragraph:

Millimeter wave signals are used for radar and telecommunications. They are also capable of being used for producing an image of a subject by directing millimeter-wave signals at the subject and detecting the reflected signal. Examples of such imaging systems have been described in U.S. Patent Numbers 5,455,590; 5,557,283; 5,859,609; ~~[[and—]]6,507,309;~~ **6,703,964; and 6,876,322;** and U.S. Patent Application **Publication Numbers 2004/0090359 and 2004/0140924**~~Number 10/607,552 filed June 26, 2003 and a continuation in part of that application filed October 30, 2003 entitled "Detecting Concealed Objects at a Checkpoint"; and U.S. Patent Application Number 10/301,522 filed November 21, 2002 and a continuation in part of that application filed October 30, 2003 entitled "Detection of a Concealed Object",~~ which patent references are incorporated herein by reference.